Resource Summary Report

Generated by NIF on Aug 21, 2026

CB1611

RRID:WB-STRAIN:WBStrain00004360
Type: Organism

Proper Citation

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Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00004360

Proper Citation: RRID:WB-STRAIN:WBStrain00004360

Description: Caenorhabditis elegans with name mec-4(e1611) X. from WB.

Species: Caenorhabditis elegans

Synonyms: mec-4(e1611) X.

Notes: Mechanosensory abnormal. Touch insensitive. Dominant. Cells become vacuolated and die.|"WBStrain provided so WBPaper00060484 paper added based on AFP_Strain data."

Affected Gene: WBGene00003168(mec-4)

Genomic Alteration: WBGene00003168(mec-4)

Catalog Number: WB-STRAIN:WBStrain00004360

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:7227647, PMID:33034119, PMID:37118502, PMID:37155851, PMID:39024405

Alternate IDs: WB-STRAIN:CB1611, CGC_CB1611

Organism Name: CB1611

Record Creation Time: 20230227T013251+0000

Record Last Update: 20260815T162333+0000

Ratings and Alerts

No rating or validation information has been found for CB1611.

No alerts have been found for CB1611.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Liu Y, et al. (2025) Nicotine induces abnormal motor coupling through sensitization of a mechanosensory circuit in Caenorhabditis elegans. PLoS biology, 23(10), e3003423.

Ji H, et al. (2023) A proprioceptive feedback circuit drives Caenorhabditis elegans locomotor adaptation through dopamine signaling. Proceedings of the National Academy of Sciences of the United States of America, 120(20), e2219341120.